

MATERIALS AND RESEARCH LABORATORY	DELAWARE DEPARTMENT OF TRANSPORTATION DOVER, DELAWARE (302) 760-2400
SOIL ANALYSIS REPORT	Contract: _____ F. A. Project: _____ Contractor: _____ Road: _____ Location: _____ Depth: _____ Elevation: _____ Source: _____ Type and Use of Material: _____ Method Placed: _____ Type of Sample: _____ Remarks: _____ _____ Date Sampled: _____ Sampled By: _____
TEST NO: _____ REPORTED BY: _____ _____	FOR LABORATORY USE ONLY Location of Lab: _____ Date Received: _____ Date Tested: _____ Test No.: _____
REVIEWED BY: _____ _____	

PHYSICAL TEST CONSTANTS

DATE:	LIQUID LIMIT	PLASTIC LIMIT	MOISTURE	ORGANIC
BOTTLE NO.:				
WT. WET SOIL & BOTTLE:				
WT. DRY SOIL & BOTTLE:				
WT. OF WATER LOST:				
WT. OF BOTTLE:				
WT. OF DRY SOIL:				
PERCENT OF WATER:				
BLOWS REQUIRED FOR CLOSURE:				
CORRECTED LIQUID LIMIT %:				

WT. PASSING NO. 10 SIEVE: (GRADATION)

WT. OF TOTAL SAMPLE:			WT. OF WASH SAMPLE:		
SIEVE	RT. WT.	RT. WT.	TOTAL % RET.	CORR. % RET.	% PASSING
2 1/2" (63.5 mm)					
2" (50.8 mm)					
1 1/2" (38.1 mm)					
1" (25.4 mm)					
3/4" (19.1 mm)					
1/2" (12.7 mm)					
3/8" (9.52 mm)					
No. 4 (4.76 mm)					
No. 10 (2.00 mm)					
No. 16 (1.19 mm)					
No. 40 (0.42 mm)					
No. 50 (0.297 mm)					
No. 60 (0.250 mm)					
No. 100 (0.149 mm)					
No. 200 (0.074 mm)					

SUMMARY

LIQUID LIMIT:
PLASTIC LIMIT:
PLASTICITY INDEX:
% SAND & GRAVEL:
% SILT:
% CLAY:
CLASSIFICATION:
SELECT GRADING (A to F):
C.B.R.:
CAPILLARITY:
PERMEABILITY:

This sample _____
 conforms with the requirements of the
 specifications. Material represented by
 this sample has been _____ for
 use.

REMARKS:

COMPARISON: _____
 RANDOM SUPERVISOR: _____
 JOB CONTROL SUPERVISOR: _____
 (FOR RANDOM EVALUATION)

 SOILS ENGINEER